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PATENT APPLICATION  
Docket No. 14374.38

RECEIVED  
FEB 27 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John E. Richardson	)	
Serial No.	10/043,393	) Art Unit 2882
Filed:	January 10, 2002	)
For:	X-RAY TUBE COOLING SYSTEM	)
Examiner:	Chi-Cheng G. Kao	)

**AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION**

Mail Stop AMENDMENT - FEE  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-140

Applicant submits this Amendment in response to the Examiner's Office Action mailed September 11, 2003. Reconsideration is respectfully requested in view of the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include both attached replacement sheets and annotated sheets showing proposed changes.

**Remarks/Arguments** being on page 9 of this paper.

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Docket No.: 14374.38

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PATENT APPLICATION  
Docket No. 14374.38

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Richardson )

Serial No.:

10/043,393

) Art Unit  
F) 2882

**RECEIVED**

**Confirmation No.:**

4609

FEB 27 2004

Filed:

January 10, 2002

For:

## X-RAY TUBE

## COOLING SYSTEM

**Examiner:**

Chih Cheng G. Kao

Mail Stop AMENDMENT – FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL FOR AMENDMENT "A" AND RESPONSE

Dear Sir:

Transmitted herewith is an Amendment A for entry in the above-identified application.

- x To render the transmitted Amendment "A" timely filed enclosed are the following:

x Petition for a Two-Month Extension of Time; and

x PTO-2038 Credit Card Payment Form in the amount of \$450.00 to cover the fee for the extension of time.

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- x To secure the approval of the Examiner for proposed amendments to the drawings, enclosed are the following:
- x Submission of Proposed Drawing Amendments for Approval by the Examiner.
- x Four (4) drawing sheets containing amendments to Figures 2 and 4.
- x Duplicates of four (4) drawing sheets with changes to Figures 2 and 4 highlighted in red.

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDT'L FEE	RATE	ADDT'L FEE
TOTAL 24	MINUS 24	= 0	X9		X18	0.00
INDEPENDENT 3	MINUS 3	= 0	X42		X84	0.00
1 <sup>st</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			<b>TOTAL</b>		<b>TOTAL</b>	0.00

- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.
- X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- X Any patent application processing fees under 37 CFR 1.17.

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February 11, 2004  
Page 3

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X A duplicate copy of this transmittal letter is attached.

Dated this 11 day of February 2004.

Respectfully submitted,

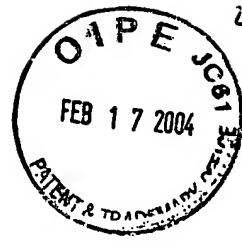


ERIC L. MASCHOFF  
Attorney for Applicant  
Registration No. 36,596  
Customer No. 022913

ELM:kjb

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PATENT APPLICATION  
Docket: 14374.38

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Richardson )  
                )

Serial No.:

10/043,393 )

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                ) 2882

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Filed:

January 10, 2002 )

For:

X-RAY TUBE COOLING SYSTEM )

Examiner:

Chih Cheng G. Kao )

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that the following documents are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 11<sup>th</sup> day of January, 2004.

February

- Transmittal Letter (3 pages) (in duplicate)
- Amendment A and Response to Office Action
- Petition for Two-Month Extension of Time
- Submission of Proposed Drawing Amendments for Approval by the Examiner
- Four (4) Drawing sheets containing amendments to Figures 2 and 4
- Duplicate drawing sheets with changes to Figures 2 and 4 highlighted in red.
- PTO-2038 Credit Card Payment Form in the amount of \$450.00
- Certificate of Deposit
- Postcard

Respectfully submitted,

ERIC L. MASCHOFF  
Attorney for Applicant  
Registration No. 36,596  
Customer No. 022913

including the proposed drawing amendments shown in RED ink is also enclosed. Applicants submit the amended drawings have margins that are acceptable under 37 CFR § 1.84(g); the line, numbers and letters are uniformly thick and well defined under 37 CFR § 1.84(i); and the numbers, letters and reference characters are acceptable under 37 CFR § 1.84(p). Applicants also submit that these amendments do not add new matter to the application.

The undersigned has made a good faith effort to respond to all of the objections by the Draftsperson and to place the drawings in condition for approval by the Draftsperson under 37 CFR §§ 1.84 or 1.152. Accordingly, approval of the changes is respectfully requested. Nevertheless, if any unresolved issues remain, please contact the undersigned by telephone to discuss those issues.

Dated this 11<sup>th</sup> day of February, 2004.

Respectfully submitted,



Eric L. Maschoff  
Attorney for Applicant  
Registration No. 36,596  
Customer No. 022913